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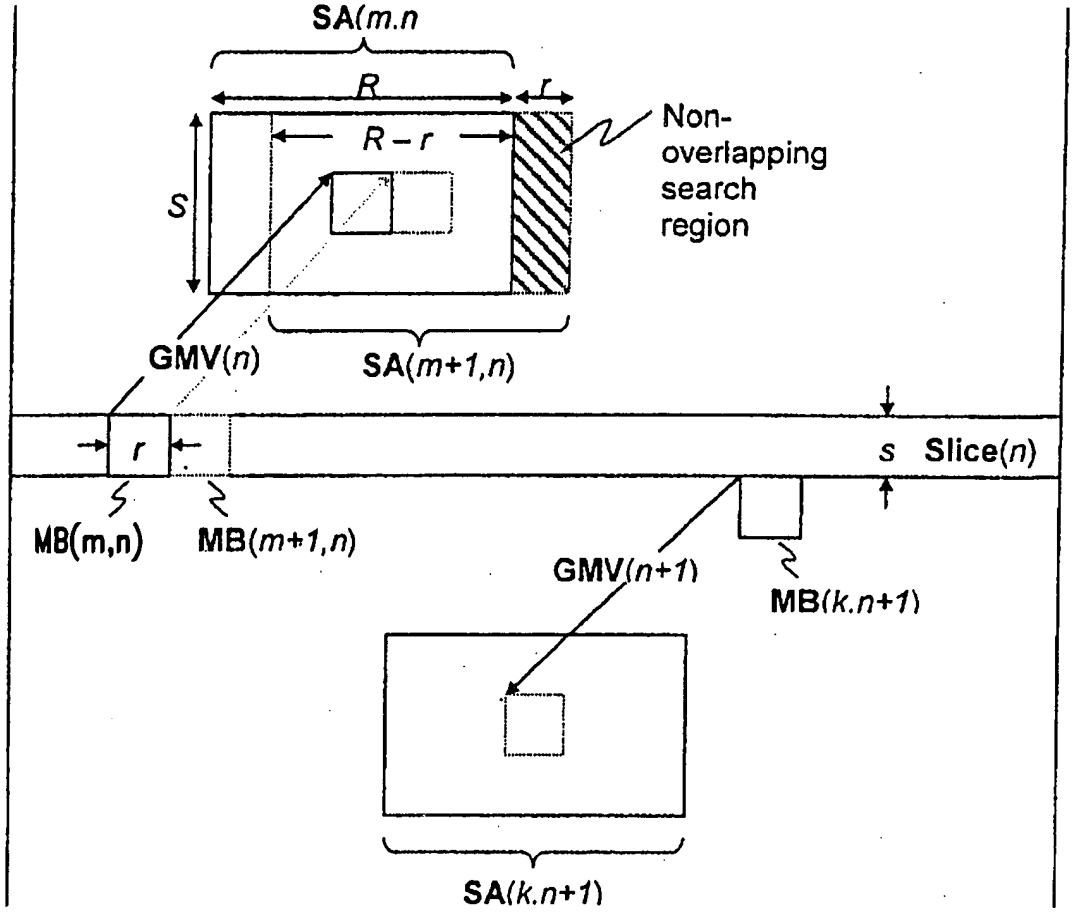


FIG. 1

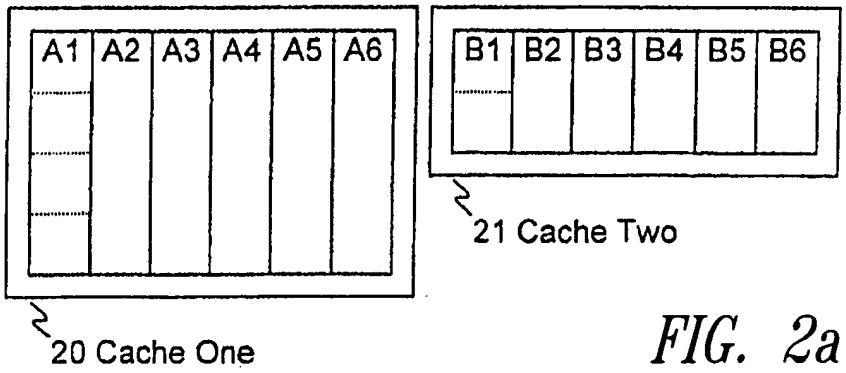


FIG. 2a

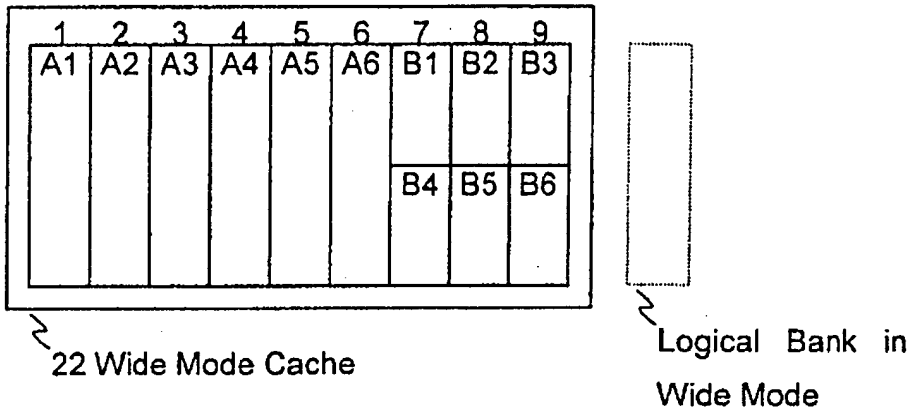


FIG. 2b

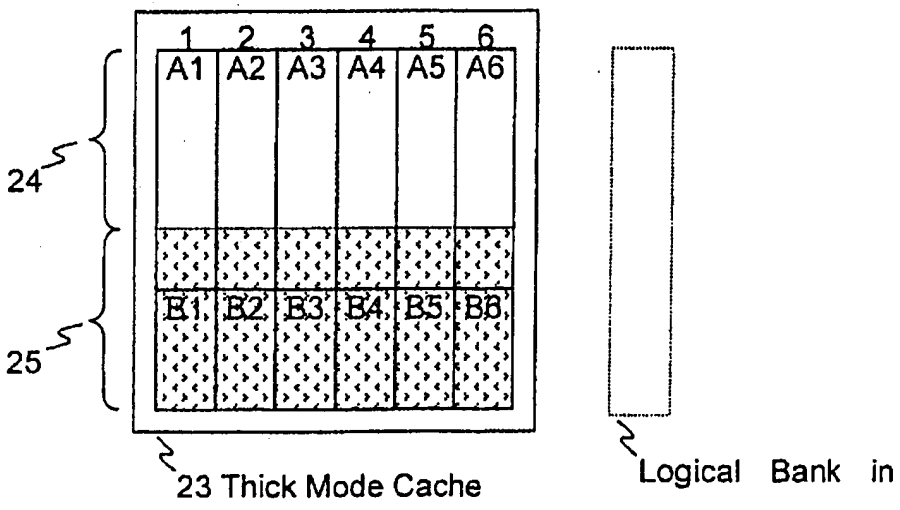


FIG. 2c

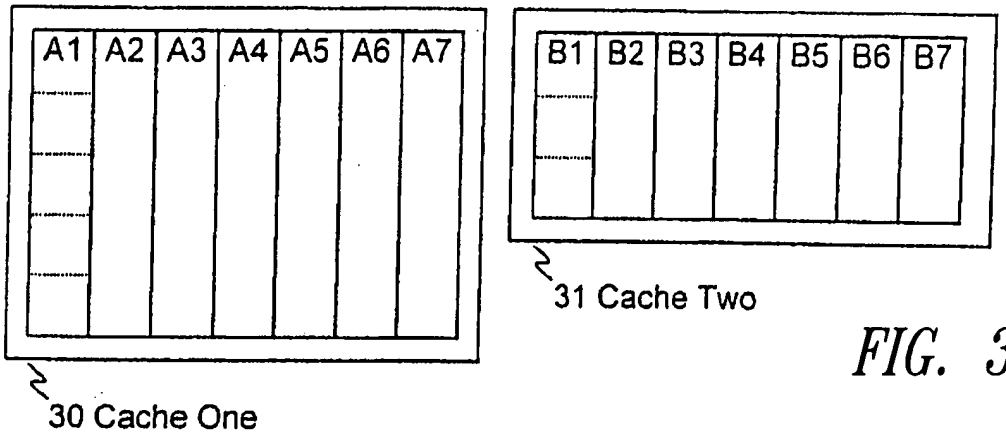


FIG. 3a

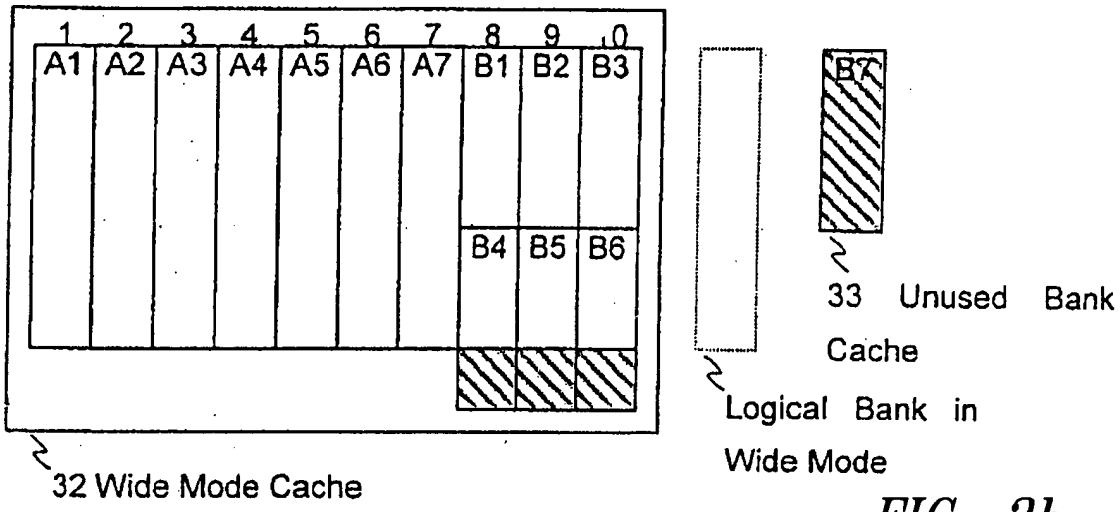


FIG. 3b

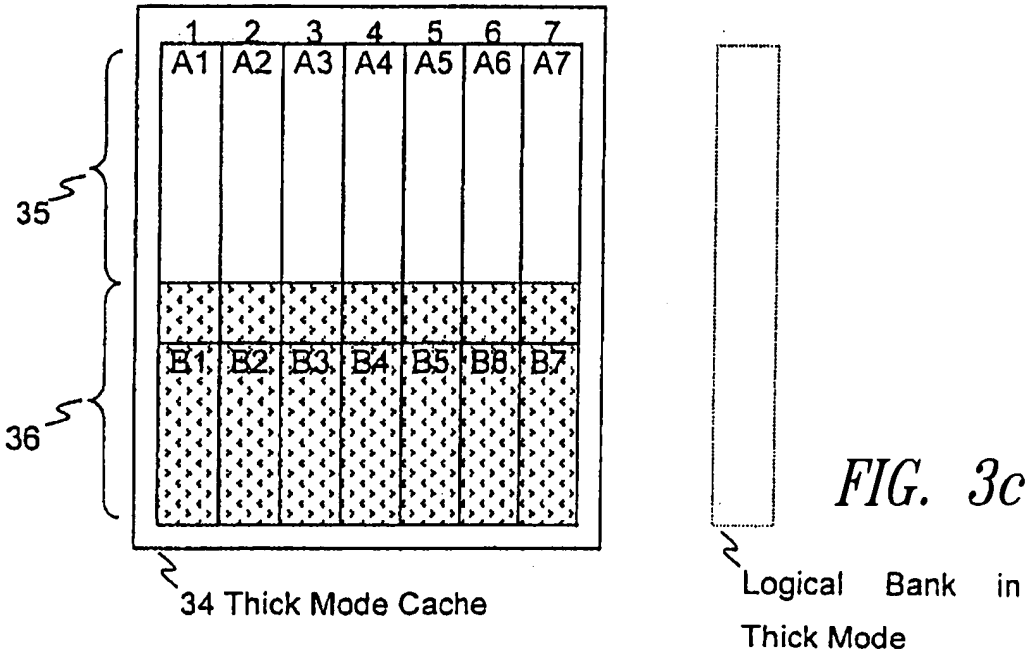
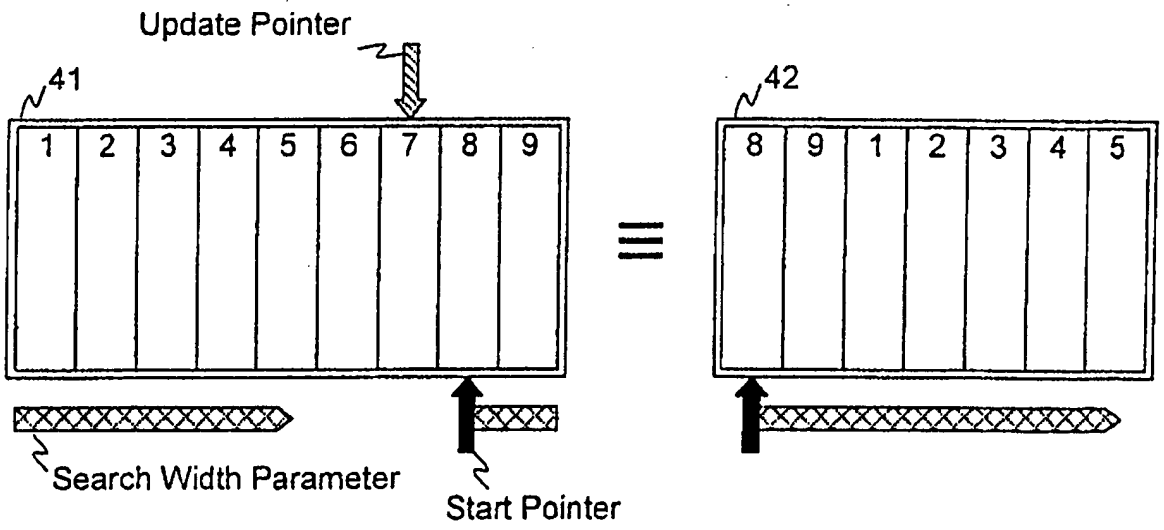


FIG. 3c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41
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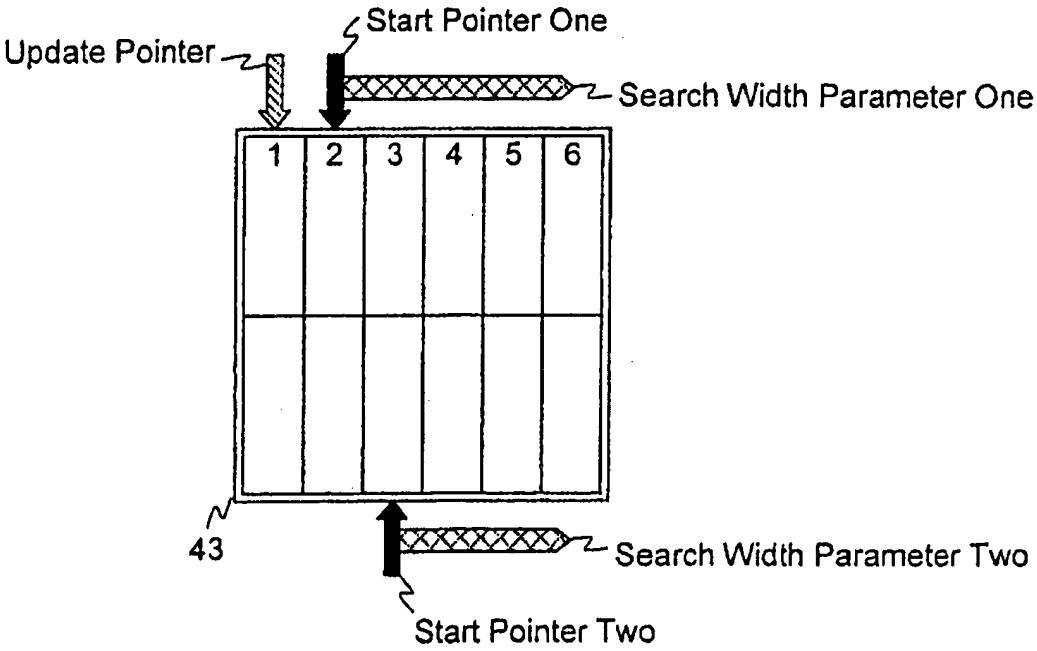
6
7
8
9
42
8
9
1
2
3
4
5
Search Width Parameter
Start Pointer

FIG. 4a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43
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Start Pointer Two

FIG. 4b

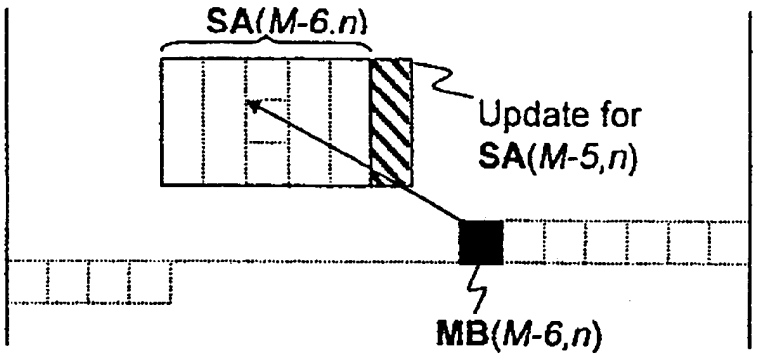


FIG. 5A

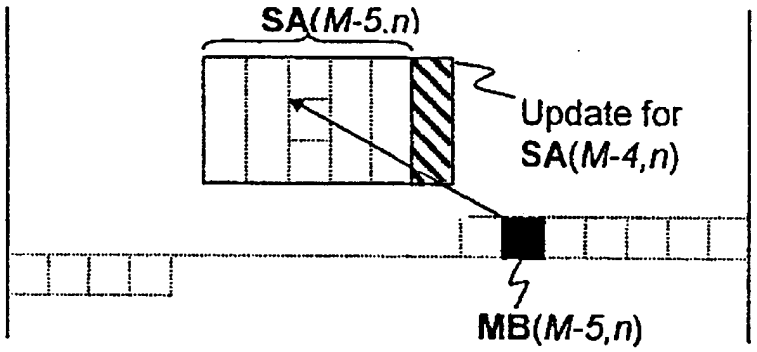


FIG. 5B

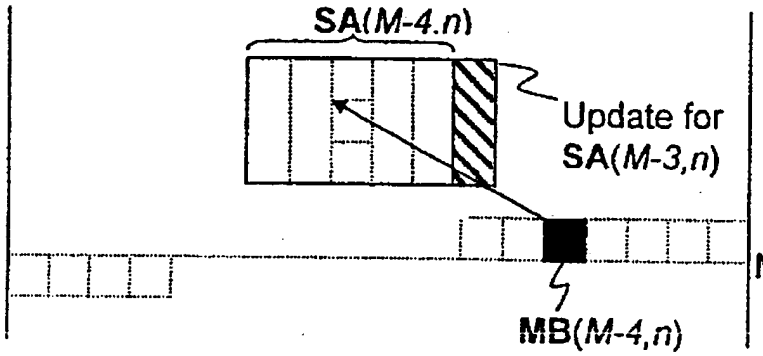


FIG. 5C

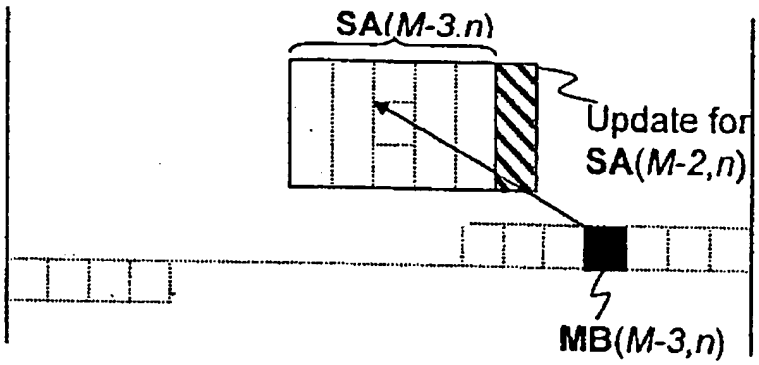


FIG. 5d

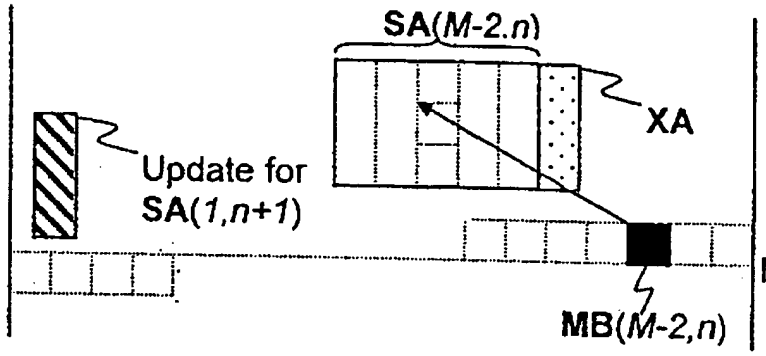


FIG. 5e

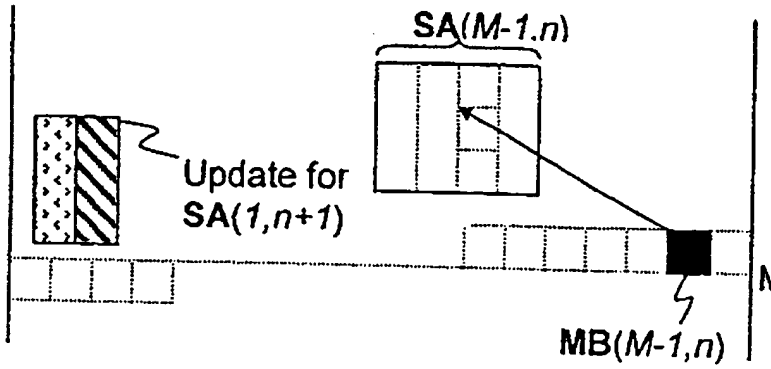


FIG. 5f

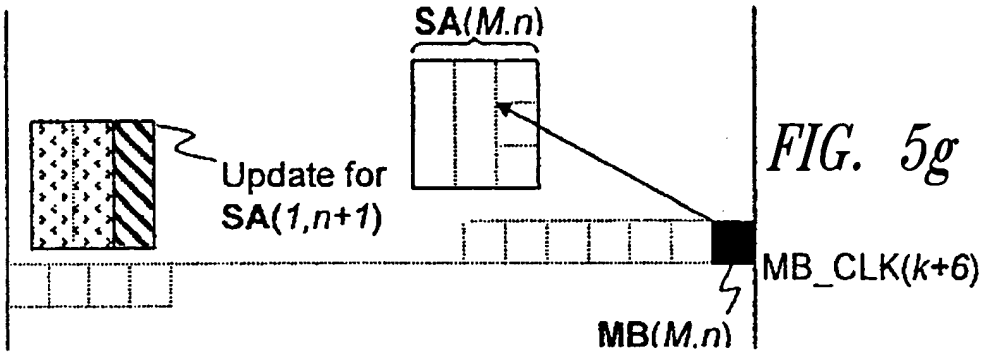


FIG. 5g

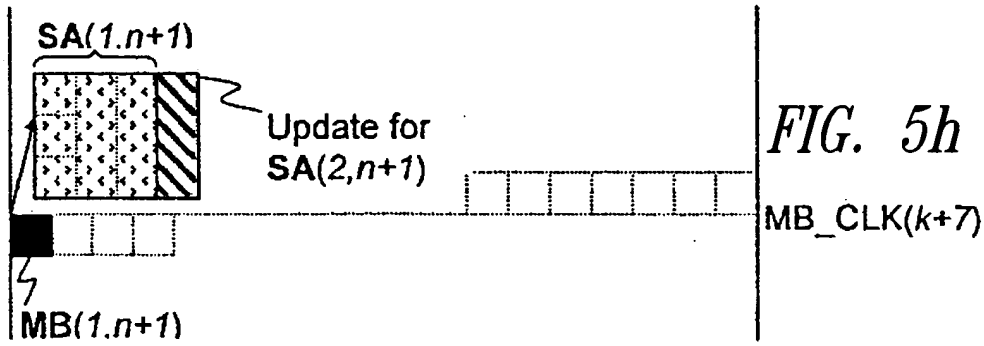


FIG. 5h

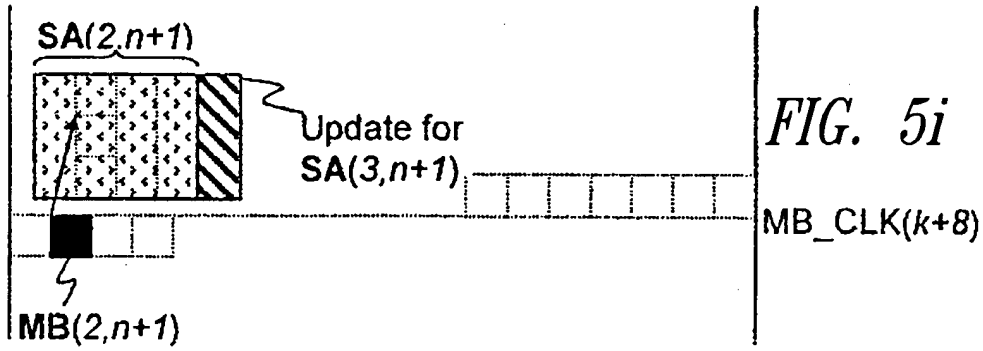
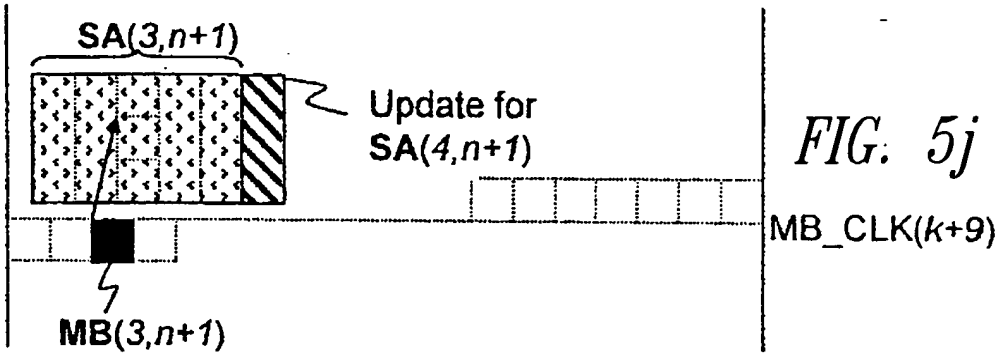


FIG. 5i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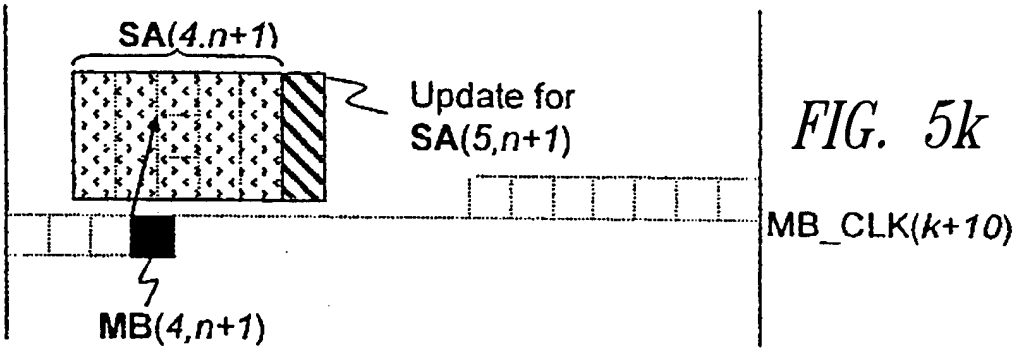
Update for
SA(4,n+1)
MB_CLK(k+9)
MB(3,n+1)

FIG. 5j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SA(5,n+1)
MB_CLK(k+10)
MB(4,n+1)

FIG. 5k

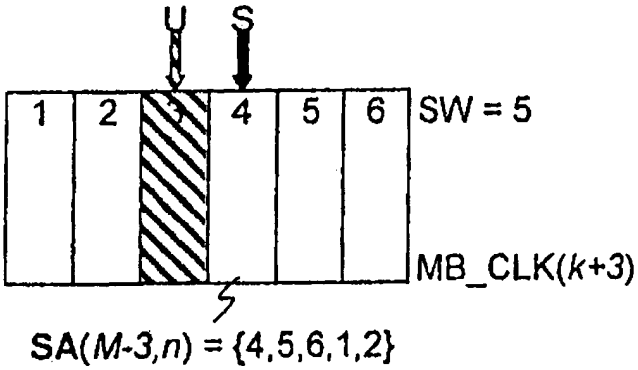


FIG. 6a

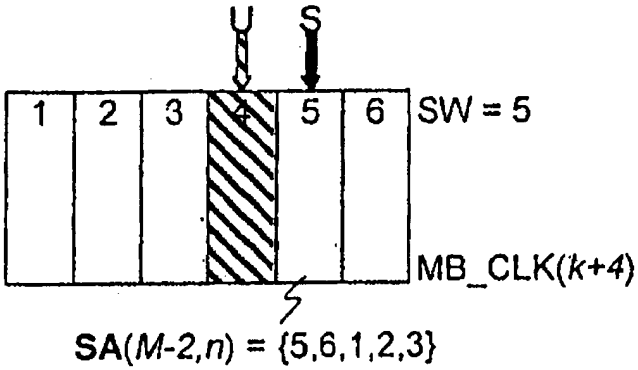


FIG. 6b

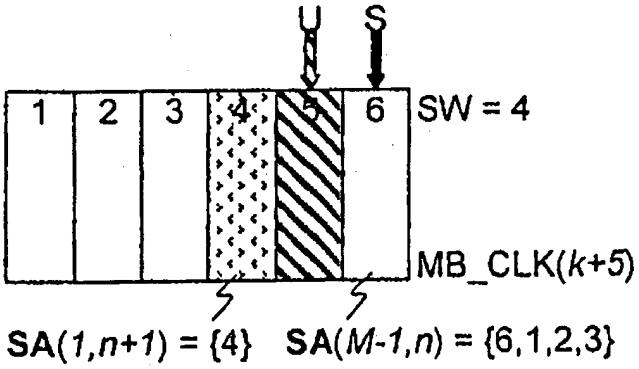


FIG. 6c

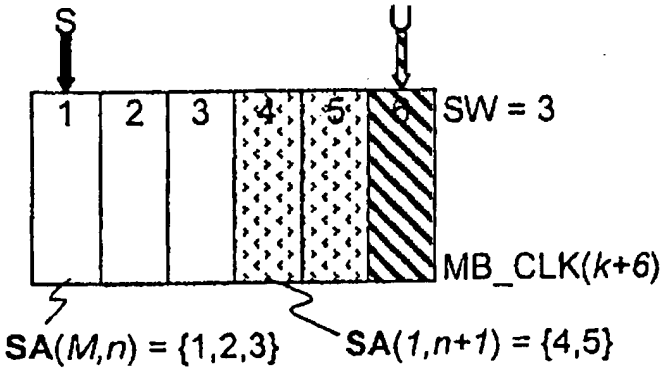


FIG. 6d

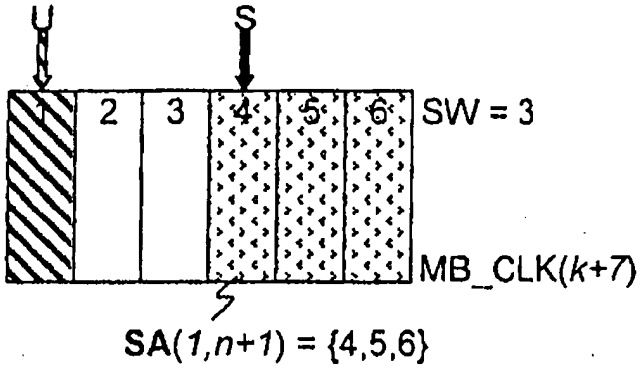


FIG. 6e

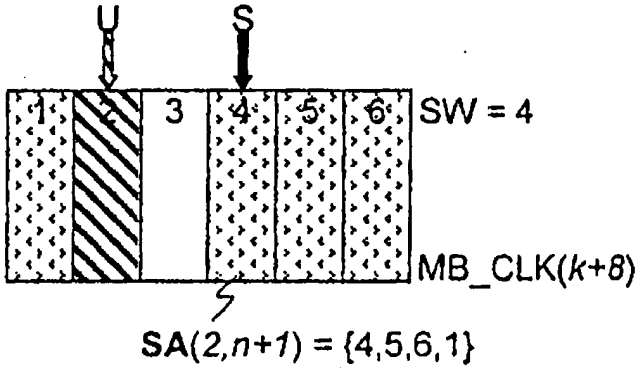


FIG. 6f

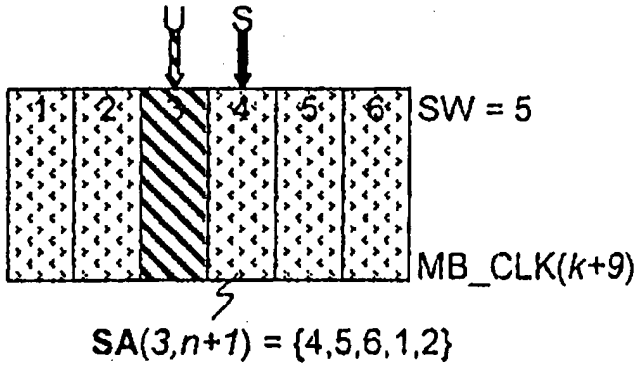


FIG. 6g

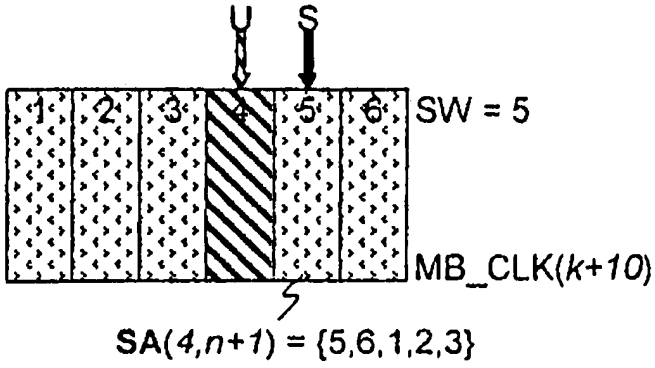


FIG. 6h

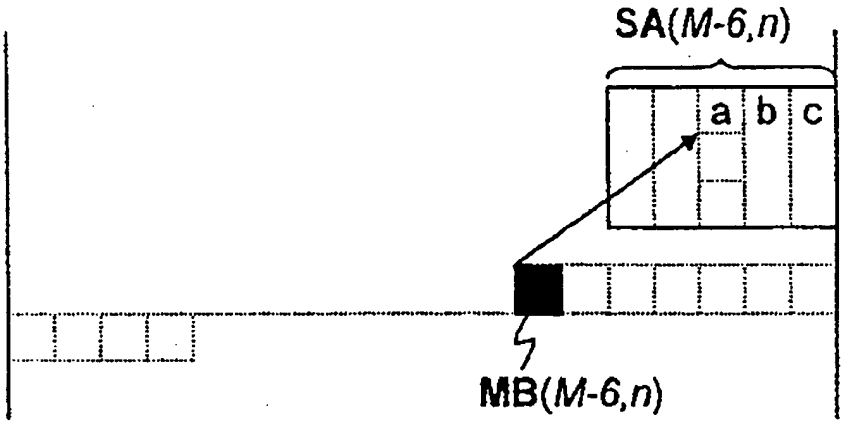


FIG. 7a

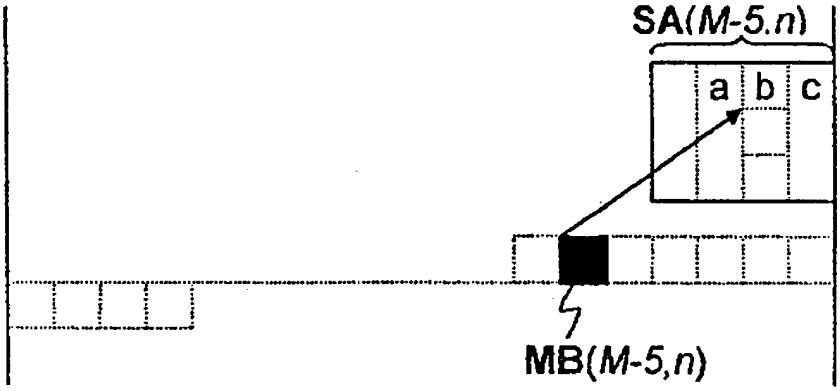


FIG. 7b

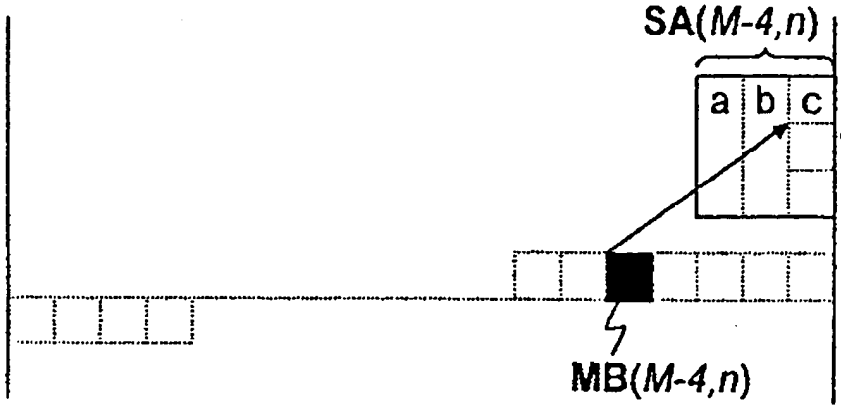


FIG. 7c

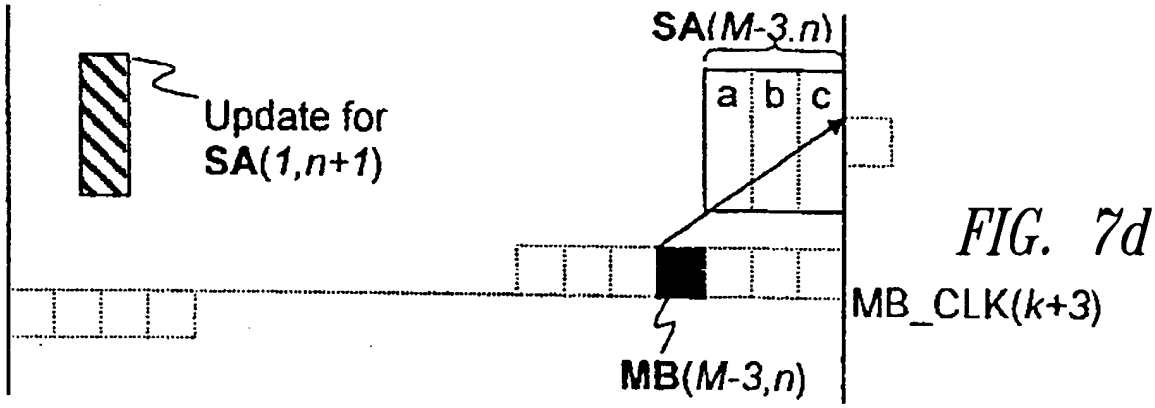


FIG. 7d

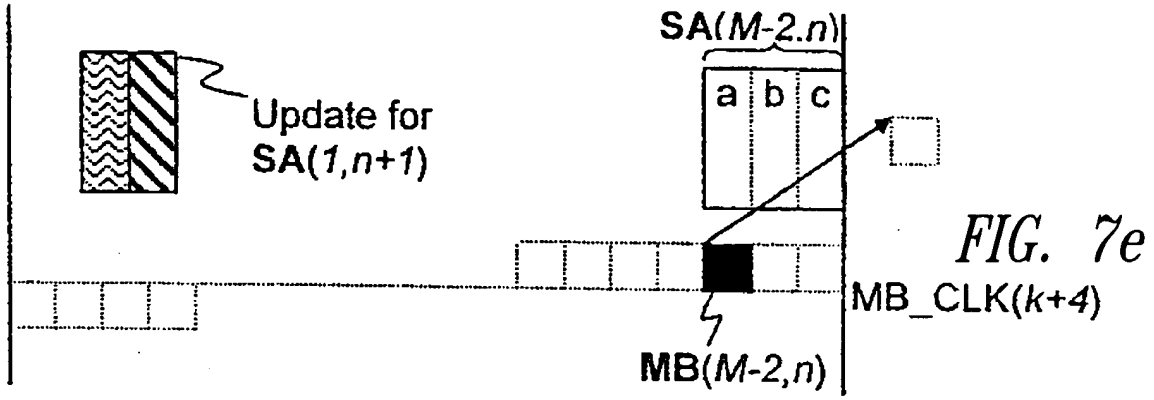


FIG. 7e

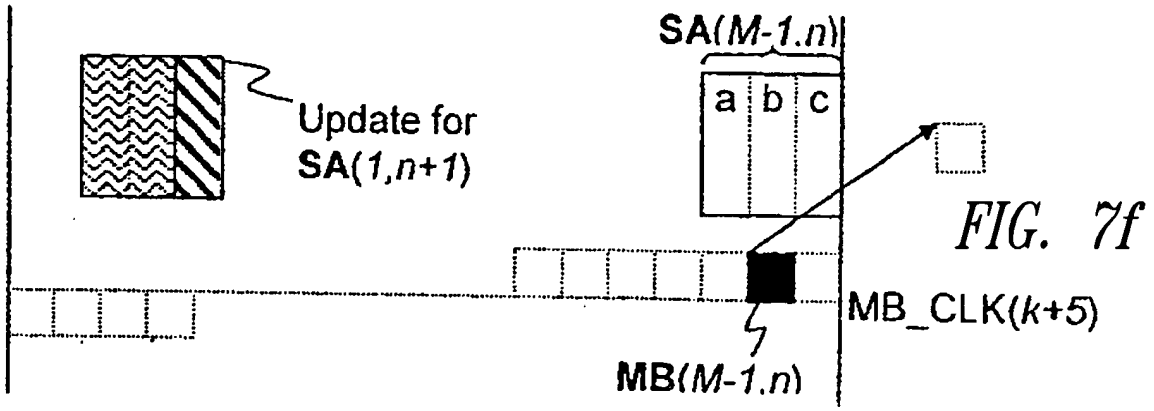


FIG. 7f

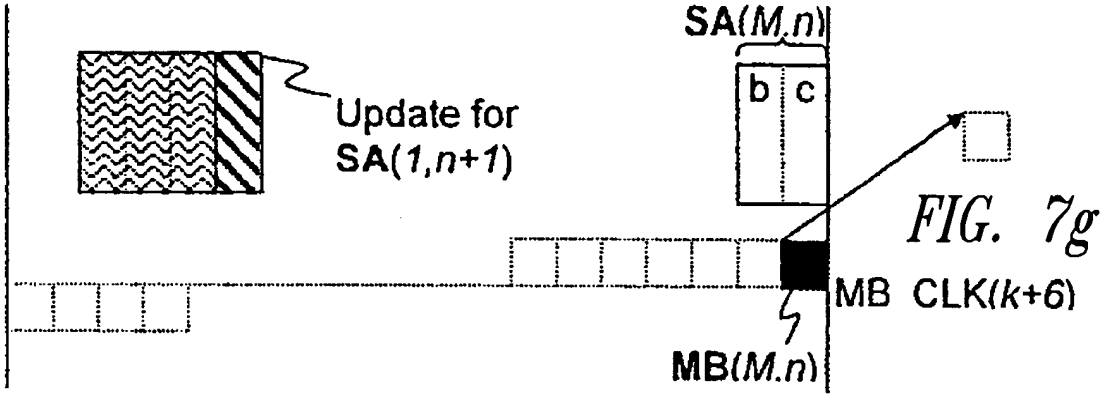


FIG. 7g

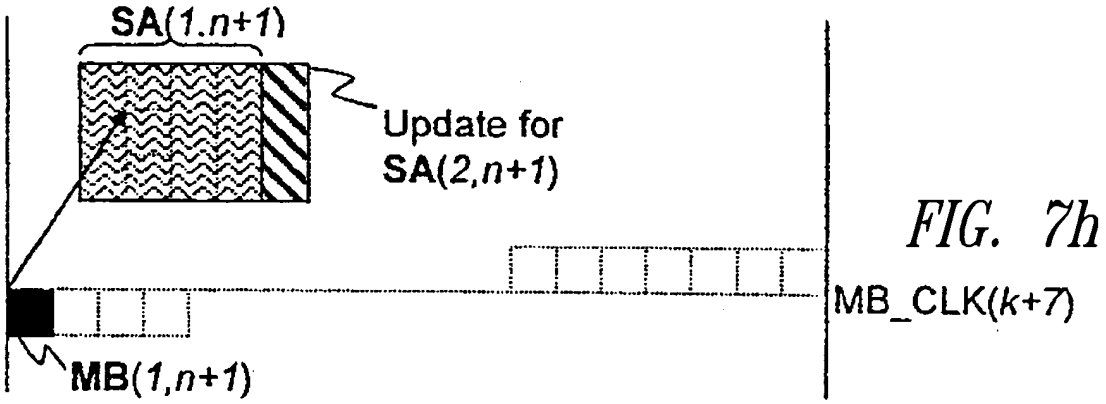


FIG. 7h

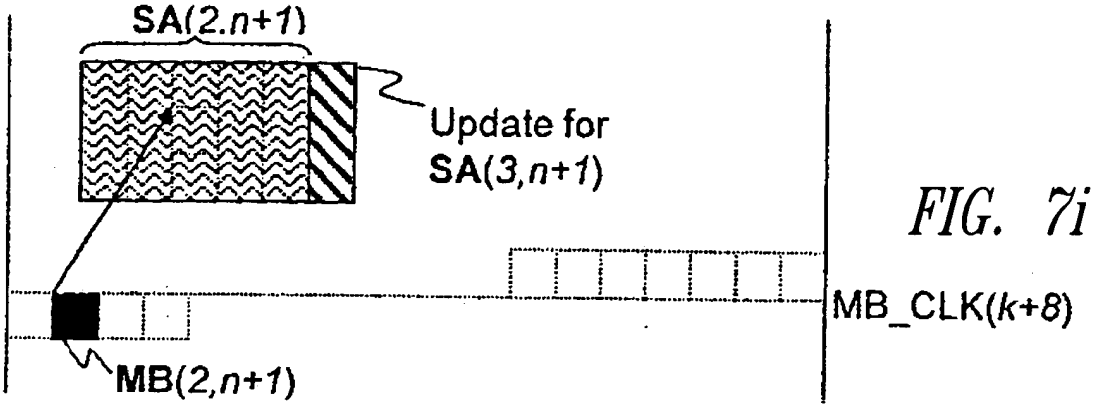
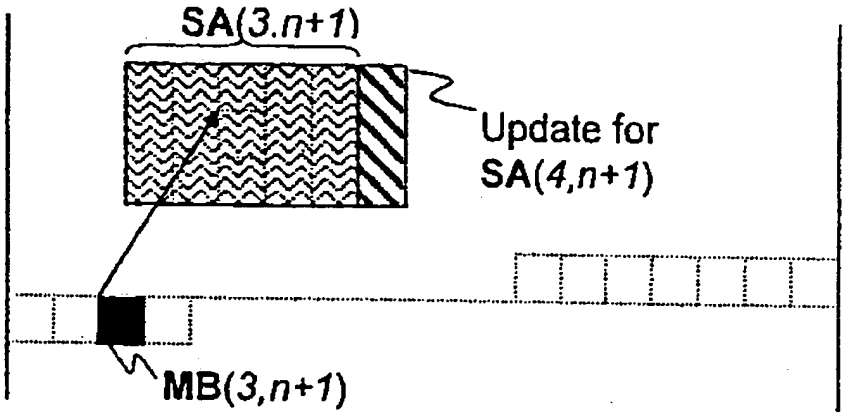


FIG. 7i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SA(4,n+1)
MB_CLK(k+9)
MB(3,n+1)

FIG. 7j

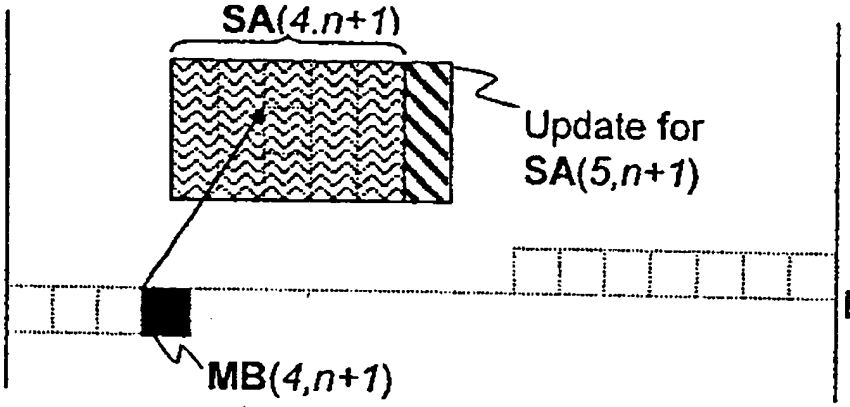

SA(4.n+1)
Update for
SA(5,n+1)
MB CLK(k+10)
MB(4,n+1)

FIG. 7k

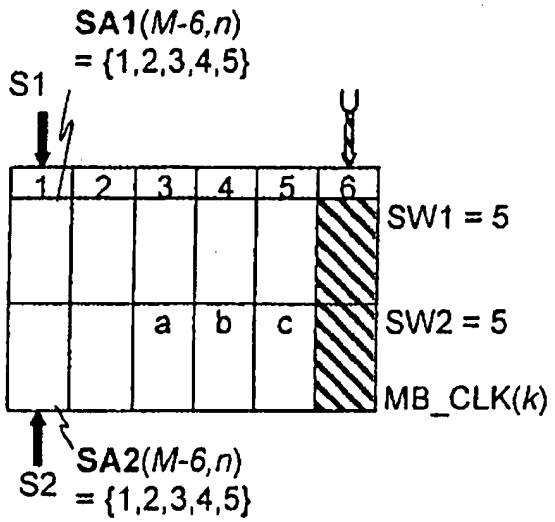


FIG. 8a

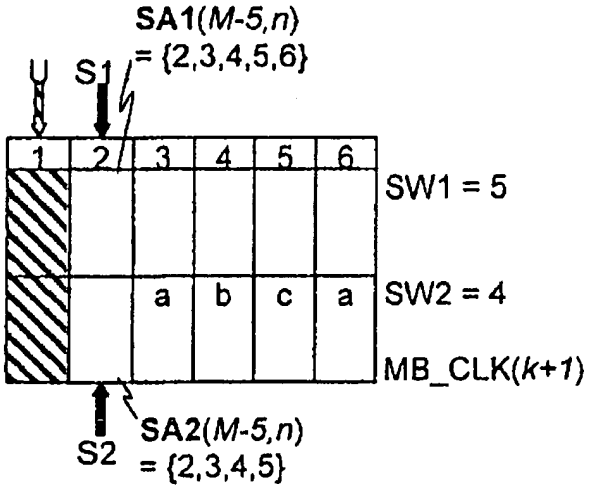


FIG. 8b

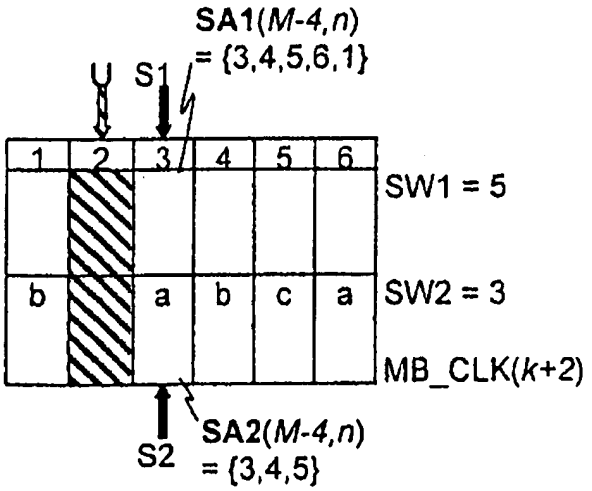


FIG. 8c

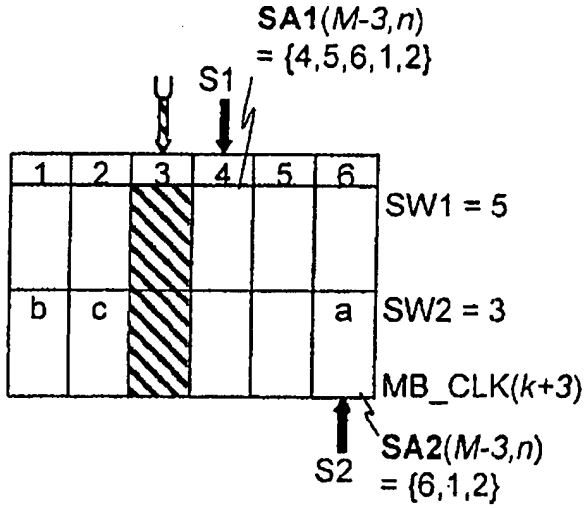


FIG. 8d

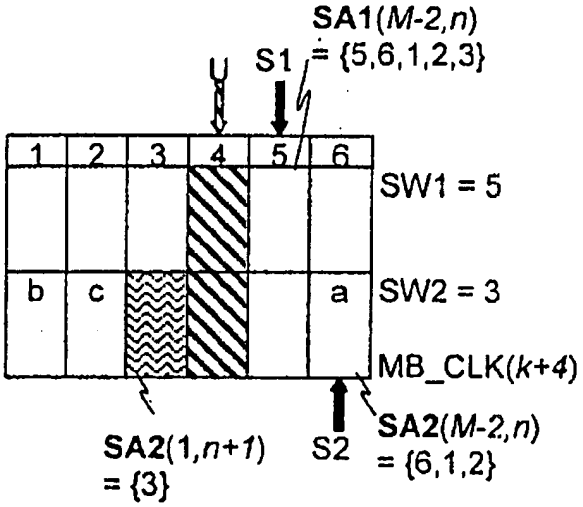


FIG. 8e

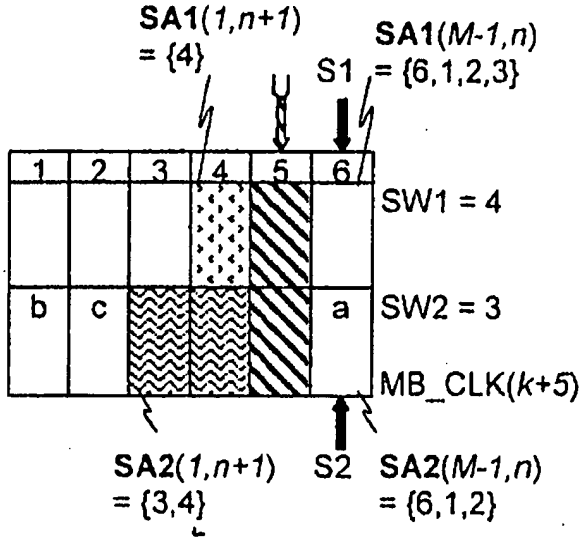


FIG. 8f

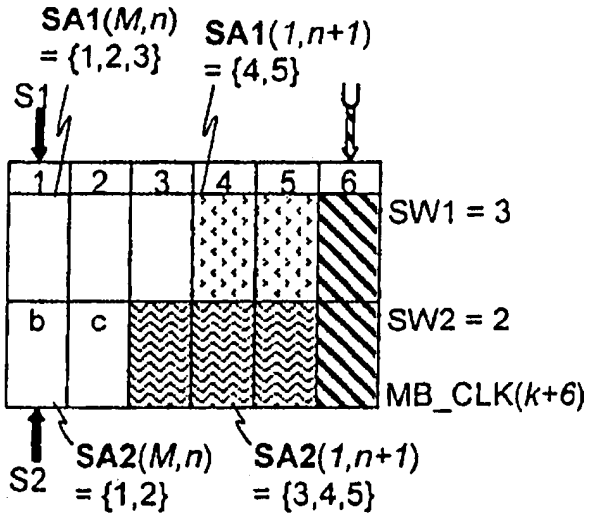


FIG. 8g

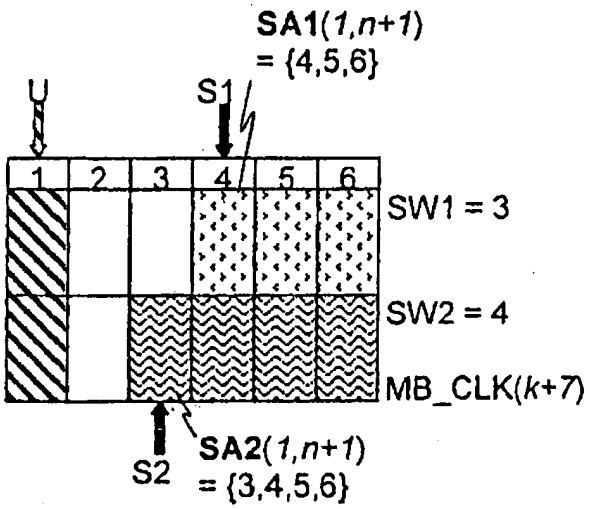


FIG. 8h

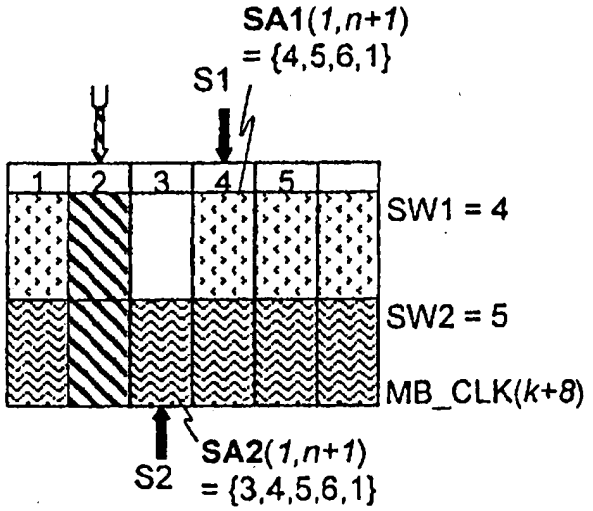
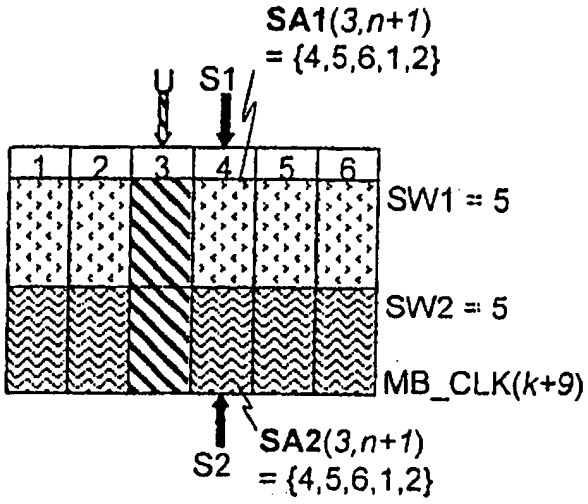


FIG. 8i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2
3
4
5
6
SW1 = 5
SW2 = 5
MB_CLK(k+9)
S2
SA2(3,n+1)
= {4,5,6,1,2}

FIG. 8j

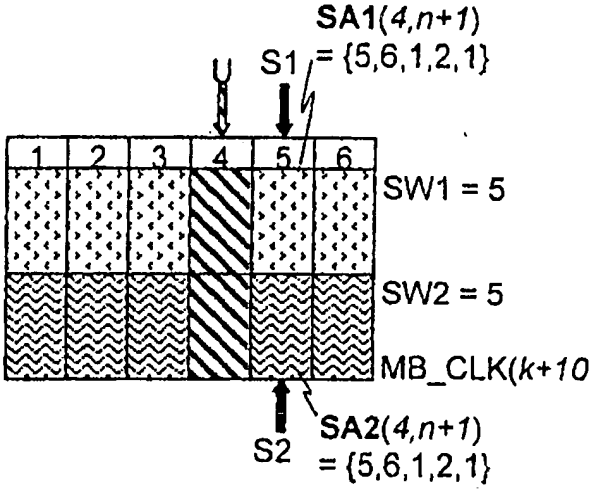
SA1(4,n+1)
= {5,6,1,2,1}
S1
1
2
3
4
5
6
SW1 = 5
SW2 = 5
MB_CLK(k+10
S2
SA2(4,n+1)
= {5,6,1,2,1}

FIG. 8k